

What is claimed is:

1 ~~5.1~~ 1. An organic electro-luminescence (EL) element
2 comprising:
3 a glass substrate having a luminescent device on an inner
4 surface;
5 a drying layer formed on a rim of the inner surface of the
6 glass substrate;
7 a sealing layer formed on the rim of the inner surface of
8 the glass substrate and surrounding the drying layer; and
9 a sealing case bonded to the rim of the glass substrate
10 to form an airtight space.

1 2. The organic EL element according to claim 1, wherein
2 the drying layer comprises an adhesion agent and a composite
3 material with absorption of moisture, oxygen and impurities.

1 ~~5.1~~ 3. The organic EL element according to claim 2, wherein
2 the adhesion agent is UV-curing resin.

1 4. The organic EL element according to claim 2, wherein
2 the composite material is selected from one of the group
3 consisting of inorganic absorption material and organic
4 absorption material.

1 5. The organic EL element according to claim 2, wherein
2 the composite material comprises silicon, Al_2O_3 , CaO and SiO_2 .

1 6. The organic EL element according to claim 1, wherein
2 the sealing case comprises:

3 a trench on the bottom of the inner wall and in position
4 to the luminescent device;
5 a hydrophobic layer in the bottom of the trench;
6 an adhesion layer formed on the rim of the opening of the
7 trench; and
8 a semi-permeable film with moisture permeability without
9 water permeability covering the opening of the trench and
10 boned by the adhesion layer.

1 7. The organic EL element according to claim 6, wherein
2 the adhesion layer comprises an adhesion agent and a composite
3 material with absorption of moisture, oxygen and impurities.

1 8. The organic EL element according to claim 7, wherein
2 the adhesion agent is UV-curing resin.

1 9. The organic EL element according to claim 7, wherein
2 the composite material is selected from one of the group
3 consisting of inorganic absorption material and organic
4 absorption material.

1 10. The organic EL element according to claim 7, wherein
2 the composite material comprises silicon, Al_2O_3 , CaO and SiO_2 .

1 11. The organic EL element according to claim 1, wherein
2 the luminescent device is a lamination body formed by at least
3 a cathode layer, an organic luminescent material layer and
4 an anode layer.

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